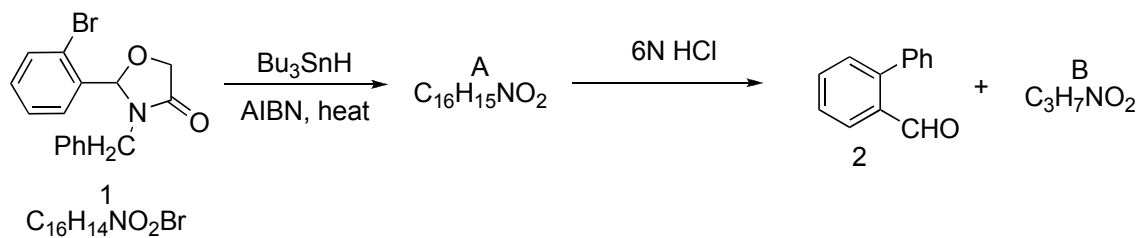
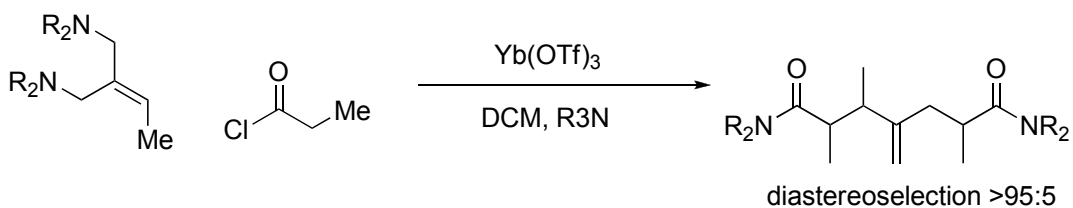


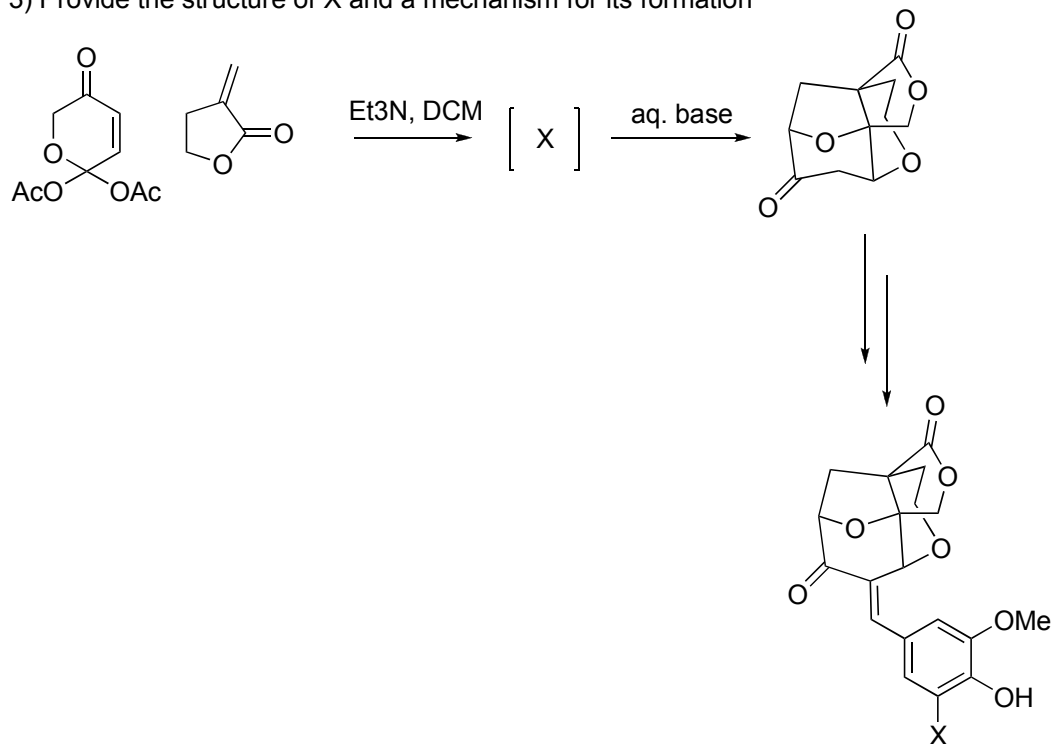
1) Provide structures for A and B and give a mechanism for their formation



2) Please provide a mechanism for the following transformation



3) Provide the structure of X and a mechanism for its formation



4) Provide a plausible mechanism for this transformation

